

What is claimed is:

1. A telephone unit having a telephone directory with picture data,
comprising:

receiving means for receiving compressed moving picture data from a
5 communication party;

first decoding means for decoding said compressed moving picture
data;

encoding means for encoding one or more frames of the decoded
moving picture data into a compressed still picture data;

10 correlating means for correlating said compressed still picture data
with a telephone number of said communication party ;

registering means for registering said compressed still picture data
and said telephone number with said telephone directory.

15 2. The telephone unit having a telephone directory with picture data
according to claim 1, wherein said correlating means correlates said
compressed still picture data with personal information of said
communication party, said personal information including said telephone
number of said communication party.

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3. The telephone unit having a telephone directory with picture data
according to claim 1, wherein said compressed still picture and said

telephone number are registered with said telephone directory in JPEG
(Joint Photographic Experts Group) format, said telephone number being
recorded in a comment segment of a JPEG file.

- 5 4. The telephone unit having a telephone directory with picture data
according to claim 2, wherein said compressed still picture and said
personal information are registered with said telephone directory in JPEG
(Joint Photographic Experts Group) format, said personal information being
recorded in a comment segment of a JPEG file.

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5. The telephone unit having a telephone directory with picture data
according to claim 1, further comprising:
first displaying means for displaying the decoded moving picture; and
selecting means for selecting said one or more frames to be encoded
15 by said encoding means, in response to an operation by a user.

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6. The telephone unit having a telephone directory with picture data
according to claim 1, further comprising:

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- second decoding means for decoding said compressed still picture
data; and
second displaying means for displaying the decoded still picture data.

7. The telephone unit having a telephone directory with picture data according to claim 6, wherein said display means displays the decoded still picture when originating a call to said communication party.

5 8. The telephone unit having a telephone directory with picture data according to claim 6, wherein said display means displays the decoded still picture when terminating a call from said communication party.

9. A method for generating a telephone directory with picture data,
10 comprising the steps of:
receiving compressed moving picture data from a communication party;
decoding said compressed moving picture data;
encoding one or more frames of the decoded moving picture data into
15 a compressed still picture data;
correlating said compressed still picture data with a telephone number of said communication party ;
registering said compressed still picture data and said telephone number with said telephone directory.

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10. The method for generating a telephone directory with picture data according to claim 9, wherein said correlating step correlates said

compressed still picture data with personal information of said communication party, said personal information including said telephone number of said communication party.

5 11. The method for generating a telephone directory with picture data according to claim 9, wherein said compressed still picture and said telephone number are registered with said telephone directory in JPEG (Joint Photographic Experts Group) format, said telephone number being recorded in a comment segment of a JPEG file.

10 12. The method for generating a telephone directory with picture data according to claim 10, wherein said compressed still picture and said personal information are registered with said telephone directory in JPEG (Joint Photographic Experts Group) format, said personal information being
15 recorded in a comment segment of a JPEG file.

13. The method for generating a telephone directory with picture data according to claim 9, further comprising the steps of :
displaying the decoded moving picture; and
20 selecting said one or more frames to be encoded, in response to an operation by a user.

14. The method for generating a telephone directory with picture data according to claim 9, further comprising the steps of:

decoding said compressed still picture data; and
displaying the decoded still picture data.

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15. The telephone unit having a telephone directory with picture data according to claim 14, wherein the step of displaying the decoded still picture is performed when originating a call to said communication party.

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16. The telephone unit having a telephone directory with picture data according to claim 14, wherein the step of displaying the decoded still picture is performed when terminating a call from said communication party.